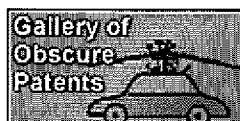


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ONISHI HIROO;  
KASHIWARA YASUNARI;**Assignee: **HITACHI LTD**  
[News, Profiles, Stocks and More about this company](#)Published / Filed: **1983-08-20 / 1982-02-17**Application Number: **JP1982000022717**IPC Code: **Advanced: [F01D 5/06](#);  
Core: [F01D 5/02](#);  
IPC-7: [F01D 5/30](#);**Priority Number: **1982-02-17 JP1982000022717**Abstract: **PURPOSE:** To improve resistance to relative sliding between discs against torque, by a method wherein an arrangement pitch diameter of a stack bolt tightening the multilayer discs of a turbo-machine in the first half side is changed with that in the second half side.**CONSTITUTION:** Among discs 1 of a turbo-machine the first half part formed of front three stage discs having a small diameter are tightened by a stacking bolt 3' and the second half part formed of a third stage disc and discs after that having large diameter are tightened by a stacking bolt 3" at sufficiently large bolt pitch diameter arrangement. In this manner, the second half part whose torque load is large is made to possess large torque transmission capacity.**COPYRIGHT:** (C)1983,JPO&JapioINPADOC Legal Status: **None** [Get Now: Family Legal Status Report](#)Family: [Show 2 known family members](#)Other Abstract Info: **None**[Nominate this for the Gallery...](#)**THOMSON**

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